FOIL when $A \neq 1$ solution (version 12)

FOIL the expressions shown below:

1.
$$(3x-3)(-8x+9)$$

$$(3)(-8)x^{2} + (3)(9)x + (-3)(-8)x + (-3)(9)$$
$$(-24)x^{2} + (27)x + (24)x + (-27)$$
$$-24x^{2} + 51x - 27$$

2.
$$(-2x-8)(5x+4)$$

$$(-2)(5)x^{2} + (-2)(4)x + (-8)(5)x + (-8)(4)$$
$$(-10)x^{2} + (-8)x + (-40)x + (-32)$$
$$-10x^{2} - 48x - 32$$

3.
$$(3x-4)(3x+5)$$

$$(3)(3)x^{2} + (3)(5)x + (-4)(3)x + (-4)(5)$$
$$(9)x^{2} + (15)x + (-12)x + (-20)$$
$$9x^{2} + 3x - 20$$

4.
$$(-2x+2)(8x-2)$$

$$(-2)(8)x^{2} + (-2)(-2)x + (2)(8)x + (2)(-2)$$
$$(-16)x^{2} + (4)x + (16)x + (-4)$$
$$-16x^{2} + 20x - 4$$

5.
$$(-5x+7)(-3x+5)$$

$$(-5)(-3)x^{2} + (-5)(5)x + (7)(-3)x + (7)(5)$$
$$(15)x^{2} + (-25)x + (-21)x + (35)$$
$$15x^{2} - 46x + 35$$

FOIL the expressions shown below:

6.
$$(9x+7)(3x-3)$$

$$(9)(3)x^{2} + (9)(-3)x + (7)(3)x + (7)(-3)$$
$$(27)x^{2} + (-27)x + (21)x + (-21)$$
$$27x^{2} - 6x - 21$$

7.
$$(4x+6)(6x+9)$$

$$(4)(6)x^{2} + (4)(9)x + (6)(6)x + (6)(9)$$
$$(24)x^{2} + (36)x + (36)x + (54)$$
$$24x^{2} + 72x + 54$$

8.
$$(-4x+4)(-3x+8)$$

$$(-4)(-3)x^{2} + (-4)(8)x + (4)(-3)x + (4)(8)$$
$$(12)x^{2} + (-32)x + (-12)x + (32)$$
$$12x^{2} - 44x + 32$$

9.
$$(-5x-7)(5x-8)$$

$$(-5)(5)x^{2} + (-5)(-8)x + (-7)(5)x + (-7)(-8)$$
$$(-25)x^{2} + (40)x + (-35)x + (56)$$
$$-25x^{2} + 5x + 56$$

10.
$$(9x-2)(2x-2)$$

$$(9)(2)x^{2} + (9)(-2)x + (-2)(2)x + (-2)(-2)$$
$$(18)x^{2} + (-18)x + (-4)x + (4)$$
$$18x^{2} - 22x + 4$$